



# THERMO-CAULK™

## TECHNICAL DATA SHEET

### Caulk

#### Product Description

Thermo-Caulk™ is designed from 100% acrylic resins. It is a single component, water-based, high performance, elastomeric sealant. It is a knife-grade caulking that when cured forms a tough, flexible membrane that seals out moisture.

Thermo-Caulk™ is used as a waterproof sealer for roof seams, termination points, cracks, flashing, vents, skylights, fasteners, parapets, protrusions and duct work. It can also be used with roof fabric for three coursing weak areas of the roof.

#### Performance Characteristics

- Waterproof
- Easy To Apply
- Tenacious Adhesion
- Non-Toxic
- Low Temperature Flexility
- Excellent Dirt Resistance
- Paintable

#### Product Characteristics

Standard Colors:	Thermo-Caulk™ – White
Dry to Touch:	4 hours
Tack Free:	12 hours
Recoat Window:	12 hours

#### Application Equipment

All surfaces should be dry, clean and free from foreign matter. Thermo-Caulk™ can be applied at a rate of approximately 40 – 75 mils thick. Product cleans up easily with warm soapy water. Please allow between 12 – 24 hours cure time, depending on weather conditions. For further application details, please contact manufacturer to obtain a Roof Application Guide. Do not apply when temperatures are below 50°F, expected to drop below freezing or when rain is forecast. Do not store in areas that may be subjected to freezing temperatures. KEEP OUT OF THE REACH OF CHILDREN.

Contact Huntsman Building Solutions Technical Service personnel for specific recommendations, pricing and availability of spray and auxiliary equipment.

#### Physical Properties

Properties	Test Method/Requirements	Value
Solids by Weight:	ASTM D 1644	83.0 ( ±3 )
Solids by Volume:	ASTM D 2697	72.8 ( ±3 )
Weight per Gallon:	ASTM D 1475	13.41 ( ±.2 )
Tensile Strength:	ASTM D 412	300 psi ( ±25 )
Elongation:	ASTM D 412	500% ( ±25 )
Viscosity:	Thick, Knife-Grade	
Flexibility:	15°F – ½” Mandrell	

#### Product Handling:

Some separation may occur during shipment and storage, therefore the contents of each container should be thoroughly power mixed for ten (10) to fifteen (15) minutes before application. Product should never be thinned. Thermo-Caulk™ is a water-based elastomeric acrylic primer which will freeze and become unusable at temperatures below 32°F. PROTECT FROM FREEZING DURING SHIPMENT AND STORAGE. Do not store material at temperatures below 50°F.

**SHELF LIFE:**

One year from manufactured date when stored properly.

**Clean Up:**

Promptly clean hands, tools, and equipment with warm soapy water.

**Packaging**

U.S. MEASURES: 5-gal. pails, 55-gal. drums & 275-gal. totes.

WEIGHT PER U.S. GALLON: 11.65 lbs.

**Limitations**

Do not use on surfaces demonstrating hydrostatic or high vapor pressure. This product is not intended for use in areas where ponding water may be present. Ponding water issues must be eliminated prior to the application of this coating.

**General Health & Safety Precautions**

This product is intended for use by trained professional personnel. Safety Data Sheets are available and any individual who may come in contact with these products should read and understand the S.D.S. In case of emergency contact CARECHEM EMERGENCY NUMBER at (866) 928-0789.

**WARNING:** Avoid eye contact with the liquid or spray mist. Applicators should wear protective clothing, gloves and use protective equipment on face, hands and other exposed areas.

**EYE PROTECTION:** Safety glasses, goggles, or a face shield are recommended.

**SKIN PROTECTION:** Chemical resistant gloves are recommended. Cover as much of the exposed skin area as possible with appropriate clothing.

**RESPIRATORY PROTECTION is MANDATORY!** Respiratory protective equipment, impervious foot wear and protective clothing are required at all times during spray application. Contact Huntsman Building Solutions for a copy of the Respiratory Protection Program developed by OSHA.

**INGESTION:** Do not take internally. Consider the application and environmental concentrations in deciding if additional protective measures are necessary.

**DISCLAIMERS**

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